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APPLICANT: TOBBEN, Bernardus Johannes

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EXAMINER: Wright, G. C.

TITLE: APPARATUS FOR THE COOLING OF DRILLING LIQUIDS

Amendment B: CLAIM AMENDMENTS

Claims 1 and 2 (canceled by an earlier amendment).

Claim 3 (canceled herein).

4. (new) An apparatus for cooling drilling mud comprising:

a first heat exchanging means for passing the drilling mud in heat exchange relationship with a water and glycol mixture so as to cool the drilling mud;

a second heat exchanging means for passing the water and glycol mixture in heat exchange relationship with seawater;

a closed circuit between said first heat exchanging means and said second heat exchanging means, said closed circuit having the water and glycol mixture contained therein; and

a pumping means for circulating the water and glycol mixture in said closed circuit.

5. (new) The apparatus of Claim 4, said first heat exchanging means comprising an inlet suitable for receiving warmed drilling mud therein, said first heat exchanging means comprising an outlet suitable for discharging cooled drilling mud, said inlet and said outlet being positioned at an oil drilling site in order to circulate the drilling mud thereof.

6. (new) The apparatus of Claim 4, said second heat exchanging means comprising an outlet suitable for discharging seawater therefrom, said outlet having a sensor means cooperative therewith

for detecting oil leakages.